



| Wheel Loader | Rhino RWL102 | Caterpillar 918M | John Deere 444K | Volvo L50H | Case 521G | Kawasaki 60ZV |
|--|---|---------------------------------------|--|---------------------------------------|--|--|
| General | | | | | | |
| Brand | Rhino | Caterpillar | John Deere | Volvo | Case | Kawasaki |
| Model | RWL102 | 918M | 444K | L50H | 521G | 60ZV |
| Bucket Type | General Purpose | General Purpose | General Purpose | General Purpose | General Purpose | General Purpose |
| Bucket Capacity m3 (cu. Yd) | 1.8 (2.4) | 1.9 (2.5) | 1.9 (2.5) | 1.5 (2.0) | 1.6 (2.1) | 1.7 (2.2) |
| Net Horsepower kW (hp) | 87 (117) | 87 (117) | 95 (127) | 87 (117) | 106 (142) | 89 (119) |
| Operating Weight kg (lb) | 10,200 (22,487) | 9,685 (21,352) | 11,203 (24,698) | 9,480 (20,900) | 10,367 (22,855) | 9,084 (20,027) |
| Engine | | | | | | |
| Engine Model (optional) | Cummins 6BT5.9 (Rhino) | C4.4 Acert | Power Tech E 4045H | D4J | N45 | Isuzu BB 6BG1T |
| Gross Horsepower -SAE J1995 kW (hp) | 87 (117) | 87 N/P | 95 N/P | 87 (117) | 106 (142) | 89 (119) |
| Rated RPM (rpm) | 2,200 | 2,200 | N/P | 2,200 | N/P | 2,200 |
| Engine Type | Direct Injection, 4-Cycle | N/P | N/P | N/P | 4 Stroke and Air to Air Cooled | Water-Cooled, Direct Injection |
| Aspiration | Turbocharged, Air Cooled | Turbocharged and Aftercooled | Turbocharged Charge Air Cooled | Turbocharged | Turbocharged | Turbocharged and Intercooled |
| Number of Cylinders | 6 | N/P | 4 | N/P | 4 | 4 |
| Bore x Stroke mm (in) | 95 x 115 (3.7 x 4.5) | 105 x 127 (4.1 x 5) | N/P N/P | N/P N/P | 104 x 132 (4.1 x 5.2) | 105 x 125 (4.1 x 4.9) |
| Piston Displacement L (cu. In) | 5.9 (360) | 4.4 (269) | 4.5 (275) | 4 (244) | 4.5 (275) | 6.4 (391) |
| Fan Drive for Radiator Cooling | Belt | Hydraulic | Hydraulic | Hydraulic | Hydraulic | Hydraulic |
| Reversible Fan Control | None | Option | None | Reversing | None | None |
| Drivetrain | | | | | | |
| Torque Converter Type | 4 Element, Single Stage | Torque Converter | Single Stage Single Phase | Single-Stage | Torque Converter | 3 Element, Single Stage |
| Transmission Type | Powershift | Creeper | Countershaft-Type Powershift | Countershaft | Proportional w/ Electronic Control Module | Powershift |
| Number of Speeds (Fwd/Rev) | 3/3 | N/P | 4/3 | 2/2 | 4/3 | 3/3 |
| Max. Speed (Fwd) kph (mph) | 16 (10) | 40 (25) | 35 (22) | 30 (19) | 40 (25) | 32 (20) |
| Max. Speed (Rev) kph (mph) | 8 (5) | 40 (25) | 25 (16) | 30 (19) | 31 (19) | 32 (20) |
| Traction Control | Limited Slip | None | OPT | None | Limited Slip | None |
| Reduction Gear | Spiral Bevel Gear, Single Stage | N/P | N/P | N/P | N/P | Spiral Bevel Gear |
| Front Axle | Fixed | Fixed | N/P | Floating | N/P | Semi-Floating |
| Rear Axle | Floating | Oscillating | N/P | Oscillating | N/P | Semi-Floating |
| Rear Axle Oscillation (deg) | 25 | 11 | 24 | 12 | N/P | 24 |
| Service Brakes | Hydraulically Actuated Pneumatically Assisted | Inboard Wet Disc | Hydraulically Actuated | Hydraulically Actuated | Hydraulically Actuated Wet Disc | Hydraulic Type Wet Disc Brakes |
| Parking Brake | Hand Brake, Expanding Band on Output Shaft | Spring Applied Hydraulically Released | Automatic Spring Applied Hydraulically Released Multi-Disc | Dry Disc on Transmission Output Shaft | Spring-Applied Hydraulic Release Disc on Transmission Output Shaft | Mechanical, Located on Front Drive Shaft |
| Steering | | | | | | |
| Steering Type | Middle Articulated Frame | Load-Sensing | Power Fully Hydraulic | Load-Sensing Hydrostatic | Flow Compensated | Articulated Frame Steering |
| Steering Angle (deg) | 35 | N/P | 40 | N/P | 40 | N/P |
| Minimum Turning Radius (Center of Outside Tire) mm (ft) | 4,950 (16.2) | N/P N/P | 4,740 (15.6) | N/P N/P | N/P N/P | N/P N/P |
| Bucket | | | | | | |
| Bucket Type | General Purpose | General Purpose | General Purpose | General Purpose | General Purpose | General Purpose |
| Bucket Capacity - Heaped m3 (cu. Yd) | 1.8 (2.4) | 1.9 (2.5) | 1.9 (2.5) | 1.5 (2.0) | 1.6 (2.1) | 1.7 (2.2) |
| Bucket Capacity - Struck m3 (cu. Yd) | 1.4 (1.8) | 1.7 (2.2) | 2.1 (2.7) | N/P N/P | 1.7 (2.2) | 1.5 (2.0) |
| Bucket Width mm (ft) | 2,460 (8.1) | 2,401 (7.9) | 2,540 (8.3) | 2,250 (7.4) | 2,500 (8.2) | 2,310 (7.6) |
| Bucket Edge Type | Bolt-on Cutting Edge | Bolt-on Cutting Edge | Bolt-on Cutting Edge | Bolt-on Cutting Edge | Bolt-on Cutting Edge | Bolt-on Cutting Edge |
| Bucket Weight kg (lb) | 1,020 (2,249) | N/P N/P | 870 (1,918) | N/P N/P | 850 (1,874) | N/P N/P |
| Dimensions | | | | | | |
| Loader Linkage Type | Z-Bar | Z-Bar | Z-Bar | TP | Z-Bar | Z-Bar |
| Dump Clearance Max. Height, 45 Deg. Dump Angle mm (ft) | 2,850 (9.4) | N/P N/P | 2,670 (8.8) | N/P N/P | 2,610 (8.6) | 2,690 (8.8) |
| Reach at Max. Height, 45 Deg. Dump Angle mm (ft) | 1,030 (3.4) | 902 (3.0) | 1,040 (3.4) | N/P N/P | 1,200 (3.9) | 1,060 (3.5) |
| Reach at 7', 45 Deg. Dump Angle mm (ft) | 1,470 (4.8) | N/P N/P | 1,440 (4.7) | N/P N/P | N/P N/P | N/P N/P |
| Reach With Arms Horizontal and Bucket Level mm (ft) | 2,150 (7.1) | N/P N/P | N/P N/P | N/P N/P | N/P N/P | N/P N/P |
| Hinge Pin Height at Full Raise mm (ft) | 3,732 (12.2) | N/P N/P | 3,600 (11.8) | N/P N/P | 3,608 (11.8) | 3,570 (11.7) |
| Tire Size | 17.5-25-12PR | 17.5-25 | 20.5-25 | N/P | 17.5-25 | 17.5-25 |
| Tread mm (ft) | 1,900 (6.2) | N/P N/P | 1,950 (6.4) | N/P N/P | 2,000 (6.6) | 1,860 (6.1) |
| Width Over Tires mm (ft) | 2,350 (7.7) | N/P N/P | 2,539 (8.3) | N/P N/P | 2,489 (8.2) | 2,310 (7.6) |
| Wheelbase mm (ft) | 2,750 (9.0) | N/P N/P | 2,760 (9.1) | N/P N/P | 2,750 (9.0) | 2,700 (8.9) |
| Loader Clearance Circle - Bucket at Carry, Outside Corner of Bucket mm (ft) | 11,200 (36.7) | N/P N/P | 11,070 (36.3) | N/P N/P | 10,949 (35.9) | 10,870 (35.7) |
| Ground Clearance mm (in) | 370 (14.6) | N/P N/P | 393 (15.5) | N/P N/P | N/P N/P | 405 (15.9) |
| Hitch Height mm (in) | 910 (35.8) | N/P N/P | N/P N/P | N/P N/P | N/P N/P | N/P N/P |
| Overall Height - Top of Stack mm (ft) | 3,010 (9.9) | 3,110 (10.2) | N/P N/P | N/P N/P | N/P N/P | N/P N/P |
| Overall Height - Top of ROPS Cab mm (ft) | 3,120 (10.2) | 3,300 (10.8) | 3,170 (10.4) | 2,980 (9.8) | 3,380 (11.1) | 3,115 (10.2) |
| Performance | | | | | | |
| Hydraulic Cycle Time - Boom Raise (sec) | 5.1 | N/P | 5.9 | N/P | N/P | 6 |
| Hydraulic Cycle Time - Bucket Dump (sec) | 1.1 | N/P | 1 | N/P | N/P | 1.2 |
| Hydraulic Cycle Time - Boom Lower (sec) | 3 | N/P | 2.4 | N/P | N/P | 3 |
| Straight Static Tipping Load kg (lb) | 9,020 (19,886) | 7,192 (15,856) | 9,233 (20,355) | 10,694 (23,576) | N/P N/P | 7,870 (17,350) |
| Full Turn Static Tipping Load kg (lb) | 8,135 (17,935) | 7,492 (16,517) | 8,047 (17,741) | N/P N/P | N/P N/P | 6,780 (14,947) |
| Breakout Force kg (lb) | 9,600 (21,164) | 8,798 (19,396) | 7,970 (17,571) | N/P N/P | N/P N/P | 7,800 (17,196) |
| Equipment specifications and images may change without notice from Rhino Equipment Group Inc. | | | | | | |
| Rhino Equipment assumes no responsibility or liability for any information, specifications, condition reports, photography or information of the competitive equipment. Rhino Equipment is not responsible for the information contained or not contained regarding the competitive equipment. | | | | | | |